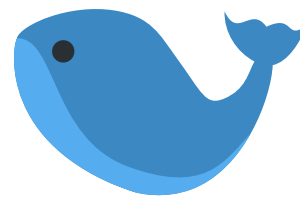


SAMPLING TECHNIQUES

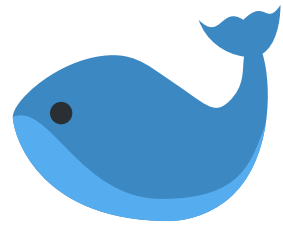


Identifying Sampling Method

1. The school librarian wants to determine how many students use the library on a regular basis. What type of sampling method would she use if she chose to randomly select 20 students in the play ground during each of the two PT periods on Wednesday.
2. Raju mango tree farm is set up in 70 rows. He counts the number of mangoes produced on every 5th row to estimate the number mangoes produced on the whole farm, What type of sampling method is used?
3. Raju randomly picks 80 trees using a random number generator to estimate the number of mangoes produced by his mango trees. What type of sampling method is used?
4. Raju separates his farm into 10 regions. He then randomly selected 4 trees from each region to estimate the number of mangoes produced on his mango tree farm. What type of sampling method is used?
5. What type of sampling method is used the following involves group-by-group selection of samples?
6. A light bulb manufacturer wants to determine the lifespan of a certain type of light bulbs, in hours. Determine the best sampling method ?
7. The Parent Teacher Association wants to determine the average number of hours per week that students spend on homework. Determine the best sampling method ?
8. A Teacher asks the first 5 students who arrive to class to participate in annual day dance show. Determine the best sampling method ?



SAMPLING TECHNIQUES



ANSWERS:

1. Stratified Random Sample
2. Systematic sampling
3. Simple sampling
4. Stratified sampling
5. Stratified sampling
6. Systematic sampling
7. Stratified random
8. Convenience sample

